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Abstract:

PROBLEM TO BE SOLVED: To further thin a profile and to efficiently apply to a flat plate electrode as well by enhancing density in a sealed lead-acid battery having enhanced strength against electrical short-circuiting between positive and negative electrode plates of a battery by mixing mainly a fine glass fiber with an inorganic powder and natural pulp.

SOLUTION: This separator is constructed of mainly a fine glass fiber and includes an inorganic powder and natural pulp beaten and decomposed. The content of the inorganic powder is 5-30 wt.%, the content of the natural pulp is 3-20 wt.% and the density is 0.165 g/cm³ or more. The fine glass fiber is an acid resistant glass fiber having an average diameter of 1 μ m or under.

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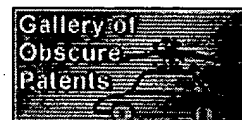
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